

TEREZ PA 6.6 7430 GF 10 GK 20

PA66

Ter Plastics

Product Texts

PA66 standard type with medium viscosity with 10% glass fiber and 20% glass beads reinforcement
For all kind of injection molding parts

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	7200	MPa	ISO 527-1/-2
Tensile Strength	120	MPa	ISO 527-1/-2
Yield stress	125	MPa	ISO 527-1/-2
Yield strain	2	%	ISO 527-1/-2
Stress at break	110	MPa	ISO 527-1/-2
Strain at break	3	%	ISO 527-1/-2
Charpy impact strength (+23°C)	40	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	6	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load (1.80 MPa)	200	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	225	°C	ISO 75-1/-2
Burning behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.6	mm	IEC 60695-11-10
Other properties			
ISO Data			
Water absorption	6	%	Sim. to ISO 62
Humidity absorption	2	%	Sim. to ISO 62
Density	1320	kg/m ³	ISO 1183